CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/W.No.07/YVMM/CSR-1/735a/CUBE/2014-15 13.02.2015

TEST REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

* **Customer** : **Asst. Executive Engineer,** Kodigehalli Sub Division, BBMP, Bangalore.

* **Agency** : **Mr. Y.V. Murali Mohana,** Contractor, Bangalore.

* **Name of the work** : Improvements to Roads and drains in Hebbala Flyover near Mariyamma Temple in Ward No.07, Byatarayanapura, BBMP, Bangalore.

* **Reference** : AEE/KH/209/2014-15 Dated: 14.01.2015

* **Sample ID** : Pavement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

* **Grade of Concrete** : M_{20}

Compressive Strength as on : 28th day

Sample Received on : 13.02.2015

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.01.2015	13.02.2015	8.198	478.3	21.26
2	16.01.2015	13.02.2015	8.215	502.8	22.35
2	16.01.2015	13.02.2015	8.332	510.3	22.68

* Information is furnished by the Customer/Representative

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

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* Agency	: **Mr. Y.V. Murali Mohana,** Contractor, Bangalore.
* Name of the work	: Improvements to Roads and drains in Hebbala Flyover near Mariyamma Temple in Ward No.07, Byatarayanapura, BBMP, Bangalore.
* Reference	: AEE/KH/209/2014-15 Dated: 14.01.2015
* Sample ID	: Drain Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
* Grade of Concrete	: M_{30}
Compressive Strength as on	: 28th day
Sample Received on	: 14.02.2015

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2015	14.02.2015	8.115	705.3	31.35
2	17.01.2015	14.02.2015	8.250	715.3	31.79
2	17.01.2015	14.02.2015	8.318	725.6	32.25

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*** Reference** : AEE/KH/209/2014-15 Dated: 14.01.2015

*** Sample ID** : Drain Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

*** Grade of Concrete** : M_{30}

Compressive Strength as on : 28th day

Sample Received on : 14.02.2015

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2015	14.02.2015	8.175	708.3	31.48
2	17.01.2015	14.02.2015	8.245	728.4	32.37
2	17.01.2015	14.02.2015	8.365	735.6	32.69

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